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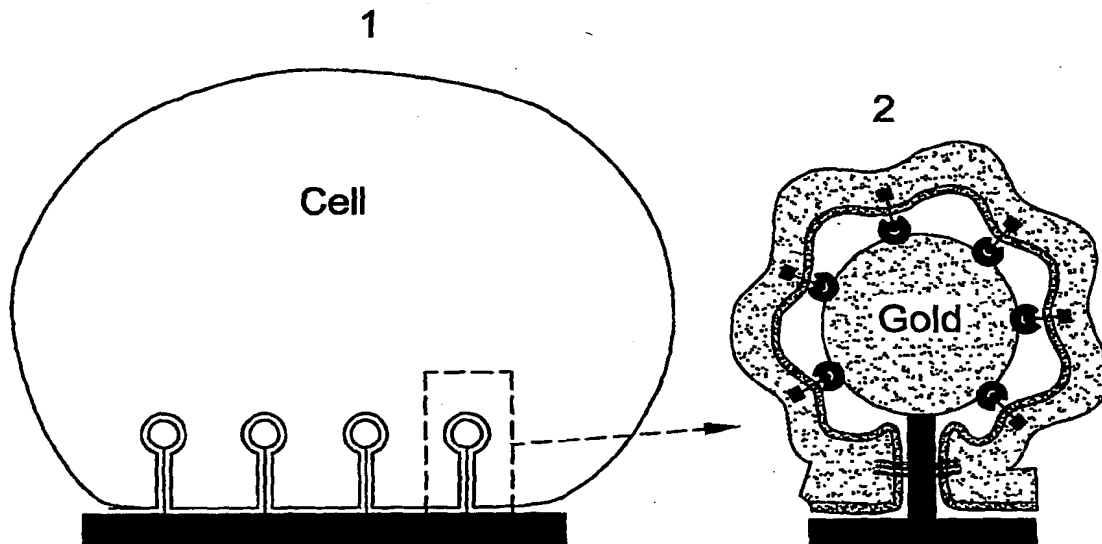
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(54) Title: **ELECTRONIC DEVICE FOR COMMUNICATION WITH LIVING CELLS**



(57) Abstract: The present invention provides a surface-substrate for adherence of cells thereto. The surface-substrate comprises at least one micronail structure protruding from the surface, at least a region of the micronail having cellular-internalization promoting properties. The invention also provides an electronic device comprising a transistor structure, in which a gate electrode is formed with the at least one micronail protruding from the surface thereof.

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